

Title (en)

Method and device for determining the direction of movement of liquid containers

Title (de)

Verfahren und Vorrichtung zum Bestimmen der Bewegungsrichtung von Flüssigkeitsbehälter

Title (fr)

Procédé et dispositif pour la détection du sens de déplacement de conteneurs de liquides

Publication

EP 1107194 A1 20010613 (EN)

Application

EP 00124816 A 19970710

Priority

- EP 97932037 A 19970710
- NO 962949 A 19960712

Abstract (en)

In a reverse vending apparatus for detecting containers, e.g., bottles of glass or plastic, or packaging made of metal, wood, glass or plastic which for the recycling of materials or reuse of the container are inserted in the machine and conveyed past a detector station containing a video camera, a video image analyser (125, 130) is connected to the video camera in order to analyse the video image whilst the container (B) is conveyed in lying position and with its axis parallel to the direction of transport past the video camera (109). The position and movement of the container (B) in a viewing region of the video camera (109) is determined on the basis of continuous detection of the position and movement of the container in the video image. Further, the direction of movement of the container (B) relative to the detector station is determined, causing an alarm if the container is moved from a position downstream of the detector station to a position in the detection sector or zone, and causing no movement direction alarm if the container (B) is moved from a position upstream of the detector station and into the detection zone. <IMAGE>

IPC 1-7

G07F 7/06

IPC 8 full level

B07C 1/02 (2006.01); **B07C 5/34** (2006.01); **B07C 5/342** (2006.01); **G07F 7/06** (2006.01)

CPC (source: EP US)

B07C 5/3408 (2013.01 - EP US); **B07C 5/3422** (2013.01 - EP US); **G07F 7/0609** (2013.01 - EP US); **Y02W 30/60** (2015.05 - EP US); **Y02W 30/62** (2015.05 - EP US)

Citation (search report)

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Citation (third parties)

Third party :

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Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9802256 A1 19980122; AT E205756 T1 20011015; AT E277388 T1 20041015; AT E304728 T1 20050915; AT E311640 T1 20051215; AU 3559597 A 19980209; DE 04076025 T1 20050818; DE 04076029 T1 20050818; DE 69706856 D1 20011025; DE 69706856 T2 20020411; DE 69730876 D1 20041028; DE 69730876 T2 20051110; DE 69734220 D1 20051020; DE 69734220 T2 20060706; DE 69734792 D1 20060105; DE 69734792 T2 20060803; DK 0910485 T3 20020128; DK 1107194 T3 20050124; DK 1441312 T3 20060327; DK 1467328 T3 20060109; EP 0910485 A1 19990428; EP 0910485 B1 20010919; EP 1107194 A1 20010613; EP 1107194 B1 20040922; EP 1441312 A1 20040728; EP 1441312 B1 20051130; EP 1467328 A1 20041013; EP 1467328 B1 20050914; JP 2000514709 A 20001107; JP 3989556 B2 20071010; NO 306661 B1 19991206; NO 962949 D0 19960712; NO 962949 L 19980113; US 6137900 A 20001024

DOCDB simple family (application)

NO 9700179 W 19970710; AT 00124816 T 19970710; AT 04076025 T 19970710; AT 04076029 T 19970710; AT 97932037 T 19970710; AU 3559597 A 19970710; DE 04076025 T 19970710; DE 04076029 T 19970710; DE 69706856 T 19970710; DE 69730876 T 19970710; DE 69734220 T 19970710; DE 69734792 T 19970710; DK 00124816 T 19970710; DK 04076025 T 19970710; DK 04076029 T 19970710; DK 97932037 T 19970710; EP 00124816 A 19970710; EP 04076025 A 19970710; EP 04076029 A 19970710; EP 97932037 A 19970710; JP 50589198 A 19970710; NO 962949 A 19960712; US 97315297 A 19971201